

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	1839	oxidative ADJ phosphorylation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L7	85362	"in vitro"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L8	294524	polypeptides or polynucleotides or rna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L9	8914	L7 same L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L10	2	L9 same L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L11	4764	L7 with L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L12	0	L11 same L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L13	0	L11 with L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43

## EAST Search History

L14	385949	transcription or translation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L15	221842	polypeptides or polynucleotides	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43
L16	512902	L14 or L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:43

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FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 21:53:43 ON 30 SEP 2007
L1      3070361 S IN VITRO
L2      1950837 S TRANSLATION OR TRANSCRIPTION
L3      72142 S L1 (S) L2
L4      194279 S PEG OR POLYETHYLENE GLYCOL
L5      51083 S OXIDATIVE PHOSPHORYLATION
L6      5 S L5 (S) L3
L7      2 DUP REMOVE L6 (3 DUPLICATES REMOVED)
L8      54 S L4 (P) L3
L9      28 DUP REMOVE L8 (26 DUPLICATES REMOVED)
        EXPAND SWARTZ JAMES ROBERT/AU
L10     208 S E2 OR E3
        EXPAND JEWETT MICHAEL CHRISTOPHER/AU
L11     195 S E1 OR E2 OR E3
L12     377 S L10 OR L11
L13     16 S L3 AND L12
L14     13 DUP REMOVE L13 (3 DUPLICATES REMOVED)

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6548276").PN.	USPAT	OR	OFF	2005/04/15 10:37
S2	473077	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:49
S3	470445	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:49
S4	59991	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:50
S5	2463	S2 with S3 with S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:57
S6	10050	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:50
S7	0	S5 with S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:50
S8	2	S5 same S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:59
S9	775894	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:56
S10	5	S9 same S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:56

## EAST Search History

S11	3336	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:59
S12	11	S11 same S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 14:47
S13	2	S11 same S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 11:59
S14	19726	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 14:47
S15	132	S14 same S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 14:47
S16	86	S14 same S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/14 14:47
S17	1	("6083715").PN.	USPAT	OR	OFF	2005/04/15 10:37
S18	1	("6337191").PN.	USPAT	OR	OFF	2005/04/15 10:38
S19	1	("6258560").PN.	USPAT	OR	OFF	2005/04/15 10:39
S20	1	("5342763").PN.	USPAT	OR	OFF	2005/04/15 10:39
S21	1	("5410026").PN.	USPAT	OR	OFF	2005/04/15 10:39
S22	1	("5487980").PN.	USPAT	OR	OFF	2005/04/15 10:40
S23	1	("5639635").PN.	USPAT	OR	OFF	2005/04/15 10:40
S24	1	("5633165").PN.	USPAT	OR	OFF	2005/04/15 10:41
S25	1	("5789199").PN.	USPAT	OR	OFF	2005/04/15 10:41
S26	1	("5968767").PN.	USPAT	OR	OFF	2005/04/15 10:42
S27	1	("5962252").PN.	USPAT	OR	OFF	2005/04/15 10:43
S28	1	("6114137").PN.	USPAT	OR	OFF	2005/04/15 10:43
S29	1	("6168931").PN.	USPAT	OR	OFF	2005/04/15 10:44
S30	1	("6180367").PN.	USPAT	OR	OFF	2005/04/15 10:44
S31	1	("6548276").PN.	USPAT	OR	OFF	2005/04/15 10:44

## EAST Search History

S32	1	("6548276").PN.	USPAT	OR	OFF	2005/10/12 13:16
S33	501451	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S34	494865	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S35	64907	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S36	10864	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:20
S37	2584	S33 with S34 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:19
S38	0	S37 with S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S39	2	S37 same S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S40	805253	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S41	7	S40 same S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16

## EAST Search History

S42	2584	S33 with S34 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S43	3582	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S44	2	S43 same S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S45	12	S43 same S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S46	21379	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S47	137	S46 same S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S48	97	S46 same S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:16
S49	1	("6083715").PN.	USPAT	OR	OFF	2005/10/12 13:16
S50	1	("6337191").PN.	USPAT	OR	OFF	2005/10/12 13:16
S51	1	("6258560").PN.	USPAT	OR	OFF	2005/10/12 13:16
S52	1	("5342763").PN.	USPAT	OR	OFF	2005/10/12 13:16
S53	1	("5410026").PN.	USPAT	OR	OFF	2005/10/12 13:16
S54	1	("5487980").PN.	USPAT	OR	OFF	2005/10/12 13:16
S55	1	("5639635").PN.	USPAT	OR	OFF	2005/10/12 13:16
S56	1	("5633165").PN.	USPAT	OR	OFF	2005/10/12 13:16
S57	1	("5789199").PN.	USPAT	OR	OFF	2005/10/12 13:16
S58	1	("5968767").PN.	USPAT	OR	OFF	2005/10/12 13:16
S59	1	("5962252").PN.	USPAT	OR	OFF	2005/10/12 13:16

## EAST Search History

S60	1	("6114137").PN.	USPAT	OR	OFF	2005/10/12 13:16
S61	1	("6168931").PN.	USPAT	OR	OFF	2005/10/12 13:16
S62	1	("6180367").PN.	USPAT	OR	OFF	2005/10/12 13:16
S63	1	("6548276").PN.	USPAT	OR	OFF	2005/10/12 13:16
S64	3451	S33 same S34 same S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:19
S65	17	S64 same S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:19
S66	2333	S36 same S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:20
S67	1056	S36 with S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:21
S68	78018	S46 or S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:21
S69	84	S68 with S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:32
S70	226	S68 same S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:21
S71	144072	coli	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:32
S72	43	S70 same S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:32



## EAST Search History

S73	1	("6548276").PN.	USPAT	OR	OFF	2006/06/22 11:51
S74	539237	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S75	529090	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S76	71866	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S77	11861	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S78	2765	S74 with S75 with S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S79	0	S78 with S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S80	2	S78 same S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S81	845958	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S82	7	S81 same S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51

## EAST Search History

S83	2765	S74 with S75 with S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S84	3912	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S85	2	S84 same S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S86	12	S84 same S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S87	23549	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S88	153	S87 same S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S89	107	S87 same S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S90	1	("6083715").PN.	USPAT	OR	OFF	2006/06/22 11:51
S91	1	("6337191").PN.	USPAT	OR	OFF	2006/06/22 11:51
S92	1	("6258560").PN.	USPAT	OR	OFF	2006/06/22 11:51
S93	1	("5342763").PN.	USPAT	OR	OFF	2006/06/22 11:51
S94	1	("5410026").PN.	USPAT	OR	OFF	2006/06/22 11:51
S95	1	("5487980").PN.	USPAT	OR	OFF	2006/06/22 11:51
S96	1	("5639635").PN.	USPAT	OR	OFF	2006/06/22 11:51
S97	1	("5633165").PN.	USPAT	OR	OFF	2006/06/22 11:51
S98	1	("5789199").PN.	USPAT	OR	OFF	2006/06/22 11:51
S99	1	("5968767").PN.	USPAT	OR	OFF	2006/06/22 11:51

## EAST Search History

S10 0	1	("5962252").PN.	USPAT	OR	OFF	2006/06/22 11:51
S10 1	1	("6114137").PN.	USPAT	OR	OFF	2006/06/22 11:51
S10 2	1	("6168931").PN.	USPAT	OR	OFF	2006/06/22 11:51
S10 3	1	("6180367").PN.	USPAT	OR	OFF	2006/06/22 11:51
S10 4	1	("6548276").PN.	USPAT	OR	OFF	2006/06/22 11:51
S10 5	539237	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S10 6	529090	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S10 7	71866	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S10 8	11861	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S10 9	2765	S105 with S106 with S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S11 0	0	S109 with S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S11 1	845958	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51

## EAST Search History

S11 2	3912	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S11 3	2	S112 same S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S11 4	23549	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S11 5	153	S114 same S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S11 6	1	("6548276").PN.	USPAT	OR	OFF	2006/06/22 11:51
S11 7	1	("6083715").PN.	USPAT	OR	OFF	2006/06/22 11:51
S11 8	1	("6337191").PN.	USPAT	OR	OFF	2006/06/22 11:51
S11 9	1	("6258560").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 0	1	("5342763").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 1	1	("5410026").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 2	1	("5487980").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 3	1	("5639635").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 4	1	("5633165").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 5	1	("5789199").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 6	1	("5968767").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 7	1	("5962252").PN.	USPAT	OR	OFF	2006/06/22 11:51
S12 8	1	("6114137").PN.	USPAT	OR	OFF	2006/06/22 11:51

## EAST Search History

S12 9	1	("6168931").PN.	USPAT	OR	OFF	2006/06/22 11:51
S13 0	1	("6180367").PN.	USPAT	OR	OFF	2006/06/22 11:51
S13 1	1	("6548276").PN.	USPAT	OR	OFF	2006/06/22 11:51
S13 2	2	S109 same S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 3	7	S111 same S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 4	12	S112 same S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 5	107	S114 same S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 6	2765	S105 with S106 with S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 7	3795	S105 same S106 same S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 8	27	S137 same S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S13 9	2611	S108 same S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51

## EAST Search History

S14 0	1223	S108 with S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S14 1	86137	S114 or S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S14 2	244	S141 same S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S14 3	89	S141 with S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S14 4	153855	coli	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S14 5	50	S142 same S144	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 11:51
S14 6	27066	"homologous recombination"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:05
S14 7	1721908	integrat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:05
S14 8	235456	mammal\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:05
S14 9	2603	S146 same S147 same S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:05

## EAST Search History

S15 0	165	S146 with S147 with S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:06
S15 1	4771315	insert or inserting or inserted or insertion or integrat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:32
S15 2	363	S146 with S148 with S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:32
S15 3	271453	dna or polynucleotide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:33
S15 4	258	S153 with S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:33
S15 5	61109	heterologous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:34
S15 6	13	S155 with S154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:34
S15 7	17	S155 same S154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:34
S15 8	164	S146 same S148 same S151 same S153 same S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 11:34
S15 9	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10

## EAST Search History

S16 0	576969	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 1	562068	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 2	78543	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 3	12849	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 4	2936	S160 with S161 with S162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 5	0	S164 with S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 6	2	S164 same S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 7	884601	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 8	7	S167 same S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S16 9	4259	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10



## EAST Search History

S17 0	4	S169 same S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S17 1	13	S169 same S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S17 2	25711	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S17 3	169	S172 same S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S17 4	122	S172 same S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S17 5	1	("6083715").PN.	USPAT	OR	OFF	2007/02/01 10:10
S17 6	1	("6337191").PN.	USPAT	OR	OFF	2007/02/01 10:10
S17 7	1	("6258560").PN.	USPAT	OR	OFF	2007/02/01 10:10
S17 8	1	("5342763").PN.	USPAT	OR	OFF	2007/02/01 10:10
S17 9	1	("5410026").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 0	1	("5487980").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 1	1	("5639635").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 2	1	("5633165").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 3	1	("5789199").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 4	1	("5968767").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 5	1	("5962252").PN.	USPAT	OR	OFF	2007/02/01 10:10

## EAST Search History

S18 6	1	("6114137").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 7	1	("6168931").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 8	1	("6180367").PN.	USPAT	OR	OFF	2007/02/01 10:10
S18 9	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S19 0	576969	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 1	562068	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 2	78543	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 3	12849	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 4	2936	S190 with S191 with S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 5	0	S194 with S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 6	884601	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 7	4259	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S19 8	4	S197 same S196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S19 9	25711	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S20 0	169	S199 same S196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S20 1	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 2	1	("6083715").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 3	1	("6337191").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 4	1	("6258560").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 5	1	("5342763").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 6	1	("5410026").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 7	1	("5487980").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 8	1	("5639635").PN.	USPAT	OR	OFF	2007/02/01 10:10
S20 9	1	("5633165").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 0	1	("5789199").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 1	1	("5968767").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 2	1	("5962252").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 3	1	("6114137").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 4	1	("6168931").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 5	1	("6180367").PN.	USPAT	OR	OFF	2007/02/01 10:10

## EAST Search History

S21 6	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S21 7	2	S194 same S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S21 8	7	S196 same S194	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S21 9	13	S197 same S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 0	122	S199 same S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 1	2936	S190 with S191 with S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 2	4140	S190 same S191 same S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 3	31	S222 same S196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 4	2902	S193 same S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 5	1385	S193 with S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S22 6	94005	S199 or S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 7	270	S226 same S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 8	100	S226 with S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S22 9	163557	coli	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 0	60	S227 same S229	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 1	576969	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 2	562068	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 3	78543	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 4	12849	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 5	2936	S231 with S232 with S233	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S23 6	0	S235 with S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 7	884601	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 8	4259	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S23 9	4	S238 same S237	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 0	25711	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 1	169	S240 same S237	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 2	576969	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 3	562068	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 4	78543	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 5	12849	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S24 6	2936	S242 with S243 with S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 7	0	S246 with S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 8	884601	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S24 9	4259	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 0	4	S249 same S248	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 1	25711	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 2	169	S251 same S248	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 3	4140	S242 same S243 same S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 4	2902	S245 same S242	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 5	1385	S245 with S242	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S25 6	94005	S251 or S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 7	270	S256 same S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 8	163557	coli	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S25 9	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 0	1	("6083715").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 1	1	("6337191").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 2	1	("6258560").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 3	1	("5342763").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 4	1	("5410026").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 5	1	("5487980").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 6	1	("5639635").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 7	1	("5633165").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 8	1	("5789199").PN.	USPAT	OR	OFF	2007/02/01 10:10
S26 9	1	("5968767").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 0	1	("5962252").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 1	1	("6114137").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 2	1	("6168931").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 3	1	("6180367").PN.	USPAT	OR	OFF	2007/02/01 10:10



## EAST Search History

S27 4	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 5	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 6	1	("6083715").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 7	1	("6337191").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 8	1	("6258560").PN.	USPAT	OR	OFF	2007/02/01 10:10
S27 9	1	("5342763").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 0	1	("5410026").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 1	1	("5487980").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 2	1	("5639635").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 3	1	("5633165").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 4	1	("5789199").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 5	1	("5968767").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 6	1	("5962252").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 7	1	("6114137").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 8	1	("6168931").PN.	USPAT	OR	OFF	2007/02/01 10:10
S28 9	1	("6180367").PN.	USPAT	OR	OFF	2007/02/01 10:10
S29 0	1	("6548276").PN.	USPAT	OR	OFF	2007/02/01 10:10
S29 1	2	S235 same S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 2	7	S237 same S235	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S29 3	13	S238 same S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 4	2	S246 same S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 5	7	S248 same S246	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 6	13	S249 same S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 7	31	S253 same S248	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 8	100	S256 with S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S29 9	60	S257 same S258	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 0	122	S240 same S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 1	122	S251 same S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 2	2936	S231 with S232 with S233	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S30 3	2936	S242 with S243 with S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:20
S30 4	29748	"homologous recombination"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 5	1851156	integrat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 6	254098	mammal\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 7	2829	S304 same S305 same S306	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 8	180	S304 with S305 with S306	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S30 9	5008348	insert or inserting or inserted or insertion or integrat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 0	399	S304 with S306 with S309	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 1	293018	dna or polynucleotide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 2	284	S311 with S310	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10

## EAST Search History

S31 3	66607	heterologous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 4	13	S313 with S312	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 5	17	S313 same S312	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 6	188	S304 same S306 same S309 same S311 same S313	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 10:10
S31 7	1657	oxidative adj phosphorylation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/02/01 10:21
S31 8	357284	transcription or translation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/02/01 10:21
S31 9	4951	S192 WITH S318	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/02/01 10:22
S32 0	0	S317 WITH S319	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/02/01 10:23
S32 1	1	S317 same S319	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/02/01 10:23
S32 3	616031	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46

## EAST Search History

S32 4	595914	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S32 5	85360	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S32 6	13781	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S32 8	0	S327 with S326	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S33 0	924942	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S33 2	4545	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S33 3	4	S332 same S330	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S33 5	27913	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S33 6	216	S335 same S330	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S35 3	616031	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46

## EAST Search History

S35 4	595914	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S35 5	85360	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S35 6	13781	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S35 7	3214	S353 with S354 with S355	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S35 8	0	S357 with S356	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S35 9	924942	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S36 0	4545	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S36 1	4	S360 same S359	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S36 2	27913	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S36 3	216	S362 same S359	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46

## EAST Search History

S38 5	4576	S353 same S354 same S355	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S38 7	3146	S356 same S353	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S38 8	1531	S356 with S353	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S38 9	101999	S362 or S355	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 0	295	S389 same S356	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 2	173197	coli	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 4	616031	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 5	595914	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 6	85360	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 7	13781	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46

## EAST Search History

S39 8	3214	S394 with S395 with S396	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S39 9	0	S398 with S397	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 0	924942	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 1	4545	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 2	4	S401 same S400	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 3	27913	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 4	216	S403 same S400	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 5	616031	protein or polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 6	595914	synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S40 7	85360	in ADJ vitro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46



## EAST Search History

S408	13781	spermine or spermidine or putrescine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S409	3214	S405 with S406 with S407	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S410	0	S409 with S408	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S411	924942	peg or polyethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S412	4545	"cell-free translation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S413	4	S412 same S411	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S414	27913	cell-free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S415	216	S414 same S411	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S416	4576	S405 same S406 same S407	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46
S417	3146	S408 same S405	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/30 21:46